



Zimmermann
B O K Ö

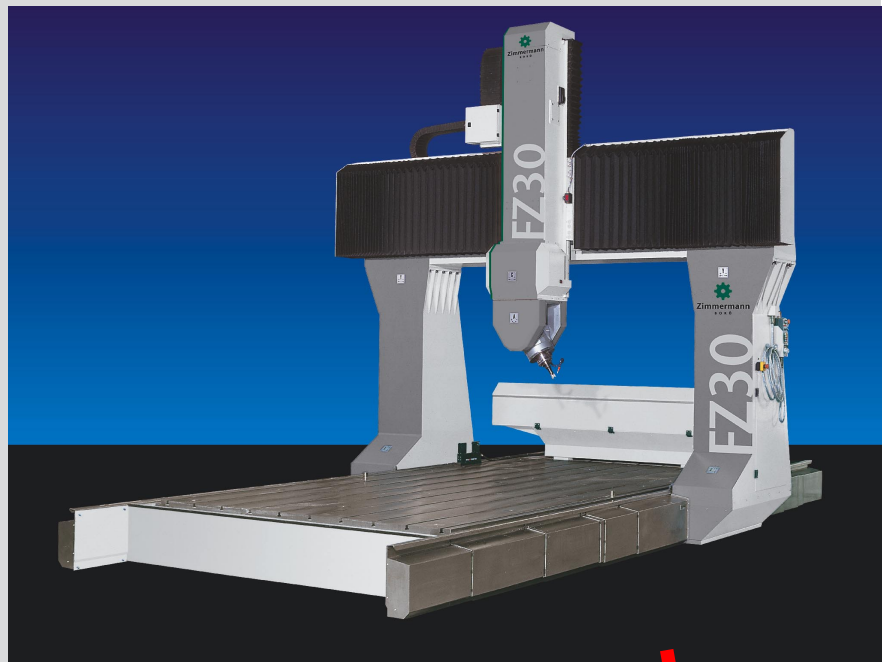
FZ 30 now with the new milling head AC 2 A

The FZ 30 is the most successful sold model of the Zimmermann-Bokö product range.

Do you know why?

Due to the wide range of application in the model and mould making industry the FZ 30 is the classic machine among the portal milling machines. The machine concept is extremely versatile and therefore, it fully matches with your specific demands. The FZ 30 is designed for 5 side machining. The all-rounder: perfect design, extremely efficient and economic machine.

For decades our customers estimate Zimmermann-Bokö as a specialised manufacturer of large volume CNC portal milling machines and CNC bed type milling machines. Our technical advance was achieved by a high innovation pace.



Buy now!
Our special offer:
395.000,00 €
You save 18%



- Extraordinary stability of the milling machine is achieved by a grey cast iron machine bed which is solidly anchored to the foundation and by a rigid portal which is driven on both sides in X-direction.
- All axes are equipped with generously dimensioned ball screws and roller rotation guides.
- Flexible accessories: Cooling system with an outlet on both sides or minimum quantity lubrication. Collecting containers on both sides, for coolant or chips.
- An up-to-date 5 axes control system Heidenhain iTNC 530 with numerous features (other control systems on demand).
- A direct NC-longitudinal measuring system with a resolution in the X, Y and Z axis of 0,001 mm.
- PICK-UP tool changer (ATC = automatic tool changing) with 12 positions.
- The machine conforms to „CE“ specifications with adequate housing.

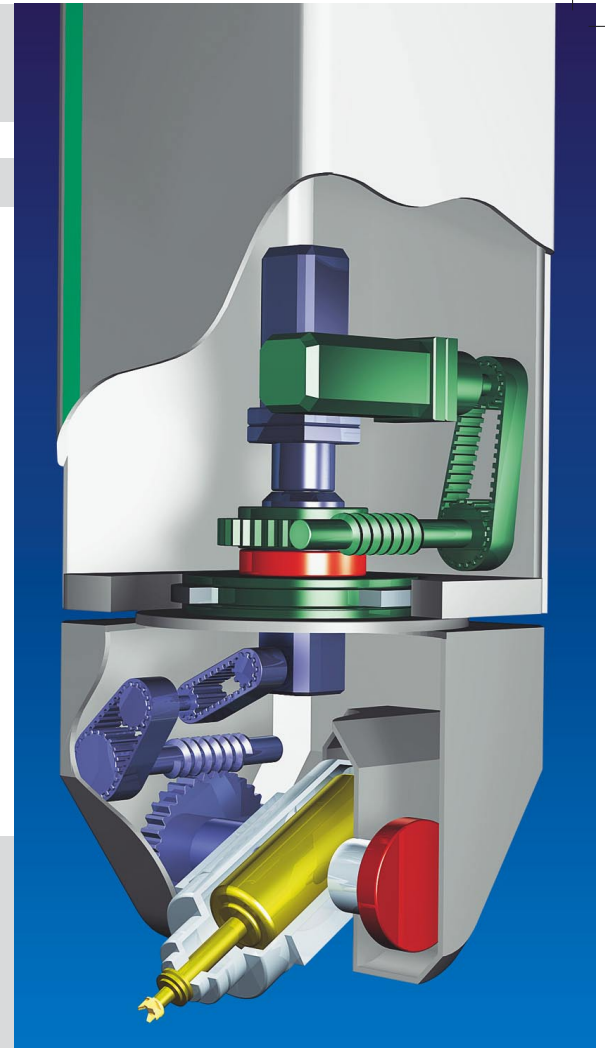
Technical Data

Working ranges:

Working range (X, Y, Z mm)	2000 x 2360 x 1250
Table (L x B mm)	4000 x 2000
A-axis	+95 ° / -125 °
C-axis	± 275 °
Feedrates X, Y, Z	20 m/min
Axis acceleration	1,5 m/s ²

Milling spindle:

Spindle power	20 kW (S1 (100%ED))
Spindle speed	18000 min ⁻¹
Torque	64 Nm (S1 (100%ED))
Tool holder	HSK 63 A



The new milling head AC 2 A

The FZ 30 is now in a new stage of development. With the AC 2 A milling head we managed the access into the 5 axes milling head technology. The milling head was developed for machining of aluminium in particular - either roughing or finishing.

The advantages of the new milling head:

- Four times higher torque in the rotation axes
- Higher torque of the spindle
- The combination of high stability and rigidity, constantly moved masses and high-dynamic drives makes the machining of materials such as plastics, aluminium and kirksite possible.

* Validity of this offer: 31st December 2004

Prices: ex works, packing included for land carriage, costs for erection and installation excluded, plus VAT, where applicable.

Standard price: 482.150,00 €

Special discount: 18%

**Special Offer
Price: 395.000,00 €**

**Compared to the
standard price
you save: 87.150,00 €**



Zimmermann
BOKO

- FZ 50
- FZ 37
- FZ 35
- FZ 32
- FZ 30
- BK 4 3 2
- LMC



Zimmermann
STYROTEC

- FZ 20 S
- FZ 15 S



Zimmermann
CONVENTIONAL

- Milling Machines
- Lathes
- Sanding Machines
- Band Saws
- Accessories

Name, First Name _____
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 Company _____
 Street _____
 Zip-Code, Town _____
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 Phone _____
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 Email _____

A visit of a sales representative is required.
 Please contact us to arrange an appointment.

I would like to be contacted by phone.

I have a question:

F. Zimmermann GmbH

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